



SEQUENCE LISTING

<110> THE JOHN HOPKINS UNIVERSITY SCHOOL OF MEDICINE
GOGGINS, Michael
UEKI, Takashi

<120> DIFFERENTIALLY METHYLATED SEQUENCES IN PANCREATIC CANCER

<130> JHU1700-1

<140> US 10/084,555

<141> 2002-02-25

<150> US 60/271,268

<151> 2001-02-23

<160> 114

<170> PatentIn version 3.1

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 tggtgccggg gctctggtat ccacttgccg gccctatgtg gtggggatcc acccagagcc 240
 cagcgtcaag ttatacgggc gcttcaactca gcgtcagcca agaccagga agcgcttctt 300
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<212> DNA
<213> Homo sapiens

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agaaggcgag gatgcgcgcg tacttcgtgt ccttgggtctc atcgtcacgt gtgagtatcg 180
accagggtcat catcgcacgt ggtaccatag tggaagtagt tggcaaactc gctagagtct 240
gctggaggaa cgagccccgc gtaggacgga cacacctgag tgccccctccc acgcgagccc 300
aaagcgggtg cagggcacct cccaccacat ttctggccaa agttcccatt tgaggccccgc 360
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acctgacccc acccaccac ccggg 445

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<212> DNA
<213> Homo sapiens

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tttcttcac tctctcctt cctcctcct cacccttgc ctgccccca acccggcag 180
ggcgaggtg tccaaccag ccgggacccc ctccctcctc gaaccaggt gttccggctc 240
ccagaccca attgagctgg gggcgccac ccgcggggg atcccgccct gcgtcccca 300
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<212> DNA
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cctggccagg gacggggtcg tccgaactgc cgtccagatt cccaaggga gacaaagacc 120
cgaaacacag ctcaaagttt ccgagagcag tcacagcggg gccagggact ccagaagtgt 180
cagctccaac gactccagag ctgcacactg gcctctattc cccaccgcaa agccccagag 240

ccgcagagac ttccaaggca gccggagagg agagggccca ccgagcacta cggcgggtgc 300
gcacgccccg gg 312

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gggaggcggg tgtcttctctc aggaatttga gctggggatc tgcattcttg ccattgcagt 240
ccttttagcat cctcgccgag ccttgagcgc gctggaggct cgcaggctgc gccctcccag 300
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ggagagcccc gg 372

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gccccgcgcc tcatacctta ccttgccctt agctatcaat tccatgatgt agccaaattc 180
actcatctcc ccagactccg acatgtttac accccttcac aaactctgga ggaccgacgc 240
gggtgtatcg aatttgcct ttcttttctc tttttctgtt tttagtctga gttttgccga 300
gctccccgcc cataagctgt taaccaggaa aagaggggaa gcgccgggga aagcaagaag 360
cgggcttgagg tgaaatgaag gccatcgagg gctccccgg 399

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<212> DNA
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tgtcttcggg gaaaccaagt ctgagtgagc gctgaagggg agtgtgcgga gcgtgccgtg 180
caccocgagc ccccgctc attgcctctc gcctctctcc acctgcccc tgatctgcgc 240

cagggaccgg tctctctccg tccgcaggct gtctaggtgg ccgttctggt ttgctgggac 300
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<212> DNA
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ggcggggaag ggcgatctga cgatcaggga gttgcgcccc tctctctggg cctcgtgaag 180
gaacaagagc aattacagcg ctgggcccggc cacgtagtcc tggggctagg tgggccaat 240
gctccggggc gcggggctgg agcgcggagg ctggagaggg aggaggaccc tccgcggctc 300
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gagaaggagg caggagtga ggcggaagga gtgggcaatc agcggcgagg cgagagtgtg 120
tcttcgggga aaccaagtct gaggtagcgc tgaaggggag tgtgcggagc cgtgccgtgc 180
accccgagcc cccgcctca ttgcctctcg cctctctcca cctgccccat gatctgcgcc 240
agggagccgg tctctctccg tccgcagctg tctaggtggc cgttctggtt tgctgggccc 300
cggg 304

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<212> DNA
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cgaagacaca ctctcgtecc cgccgcgtga ttgcccactc cttecgctg cactccagcc 240
tccttctcac cctttcgctg agcgcacagg cggctgccc gtcggcaccg gtgcgcaccg 300
gcccggg 307

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<400> 41
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 tcttcgggga aaccaagtct gagtgcgcgc tgaaggggag tgtgcggagc cgtgccgtgc 180
 accccgagcc ccccgctca ttgcctctcg cctctctcca cctgccccat gatctgcgcc 240
 agggagccgg tcctctcccg tccgcagctg tctaggtggc cgttctgggt tgctgggccc 300
 cggg 304

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 ttctgggct ggggacagtg aggtcatcgc tgccatcct ggagctctgg ctcccttcgg 180
 gtacctgttc cctctcccag agagaccccc agctgcctgc aggcctagtg ggctccacgg 240
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 gagcaggggg tttgagccct tgtggaaatc tggggaggca ctgcttctcc ctccatgtga 420
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21

<210> 44

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<400> 44
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22

<210> 45
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<400> 45
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22

<210> 46
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<400> 46
 agagaggagt ttagattgg

19

<210> 47
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21

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24

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22

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19

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24

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18

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24

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gggttggaga gtaggggagt t

21

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ygttatgatt tttttgttta gttaat

26

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<400> 57

tacaccaact acccaactac ctc

23

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tttatttata taattttgtg tatgg

25

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 caccctcac ttactaaaa c 21

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 accraacaaa aaacataaaa aaac 24

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 ggattgggat gtcgagaac 19

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 octaaactca caaaccaact ca 22
 <210> 72
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<400> 74
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22

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24

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21

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ctataaatta ctaaattctct tcg

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taatttttagg ttagagggtt attgt

25

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taactaaaaa ttcacctacc gac 23

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<400> 84

ggatagtcgg atcgagttaa cgtc

24

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<400> 85
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16

<210> 86
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<210> 89
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<400> 93
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<400> 95
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22

<210> 96
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21

<210> 97
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<210> 98
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26

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<210> 100
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<400> 100
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23

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22

<210> 103
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<210> 107
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23

<210> 108
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22

<210> 109
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23

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<400> 111
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<210> 112
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<210> 113
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<210> 114
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<400> 114
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